

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS (CONTINUED)						PAGE 2 OF 44
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES		21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE					
32a. QUANTITY IN COLUMN 21 HAS BEEN <input type="checkbox"/> RECEIVED <input type="checkbox"/> INSPECTED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____						
32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE		
32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE				32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE		
				32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE		
33. SHIP NUMBER		34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT		37. CHECK NUMBER
<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				<input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		
38. S/R ACCOUNT NUMBER		39. S/R VOUCHER NUMBER	40. PAID BY			
41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT			42a. RECEIVED BY <i>(Print)</i>			
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER			41c. DATE			
			42c. DATE REC'D <i>(YY/MM/DD)</i>		42d. TOTAL CONTAINERS	

Section SF 1449 - CONTINUATION SHEET

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	WAVELENGTH - TUNABLE LASER SYSTEMS IN ACCORDANCE WITH STATEMENT OF WORK				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AA	LASER SYSTEM A NANOSECOND SYSTEM	1	Each	\$ _____ —	\$ _____ —

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AB	LASER SYSTEM B ULTRAFAST SYSTEM	1	Each	\$ _____ —	\$ _____ —

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	INSTALLATION OF LASER SYSTEMS IN ACCORDANCE WITH STATEMENT OF WORK				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002AA	INSTALLATION OF LASER SYSTEM A NANOSECOND SYSTEM	1	Each	\$ _____ —	\$ _____ —

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002AB	INSTALLATION OF LASER SYSTEM B ULTRAFAST SYSTEM	1	Each	\$ _____ —	\$ _____ —

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	TRAINING ON LASER SYSTEMS IN ACCORDANCE WITH STATEMENT OF WORK				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AA	TRAINING ON LASER SYSTEM A NANOSECOND SYSTEM	1	Each	\$ _____ —	\$ _____ —

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AB	TRAINING OF LASER SYSTEM B ULTRAFast SYSTEM	1	Each	\$ _____ —	\$ _____ —

CLAUSES INCORPORATED BY FULL TEXT

52.212-1 INSTRUCTIONS TO OFFERORS--COMMERCIAL ITEMS (JAN 2004)

(a) North American Industry Classification System (NAICS) code and small business size standard. The NAICS code and small business size standard for this acquisition appear in Block 10 of the solicitation cover sheet (SF 1449). However, the small business size standard for a concern which submits an offer in its own name, but which proposes to furnish an item which it did not itself manufacture, is 500 employees.

(b) Submission of offers. Submit signed and dated offers to the office specified in this solicitation at or before the exact time specified in this solicitation. Offers may be submitted on the SF 1449, letterhead stationery, or as otherwise specified in the solicitation. As a minimum, offers must show--

- (1) The solicitation number;
- (2) The time specified in the solicitation for receipt of offers;
- (3) The name, address, and telephone number of the offeror;
- (4) A technical description of the items being offered in sufficient detail to evaluate compliance with the requirements in the solicitation. This may include product literature, or other documents, if necessary;
- (5) Terms of any express warranty;
- (6) Price and any discount terms;
- (7) "Remit to" address, if different than mailing address;

(8) A completed copy of the representations and certifications at FAR 52.212-3;

(9) Acknowledgment of Solicitation Amendments;

(10) Past performance information, when included as an evaluation factor, to include recent and relevant contracts for the same or similar items and other references (including contract numbers, points of contact with telephone numbers and other relevant information); and

(11) If the offer is not submitted on the SF 1449, include a statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation. Offers that fail to furnish required representations or information, or reject the terms and conditions of the solicitation may be excluded from consideration.

(c) Period for acceptance of offers. The offeror agrees to hold the prices in its offer firm for 30 calendar days from the date specified for receipt of offers, unless another time period is specified in an addendum to the solicitation.

(d) Product samples. When required by the solicitation, product samples shall be submitted at or prior to the time specified for receipt of offers. Unless otherwise specified in this solicitation, these samples shall be submitted at no expense to the Government, and returned at the sender's request and expense, unless they are destroyed during preaward testing.

(e) Multiple offers. Offerors are encouraged to submit multiple offers presenting alternative terms and conditions or commercial items for satisfying the requirements of this solicitation. Each offer submitted will be evaluated separately.

(f) Late submissions, modifications, revisions, and withdrawals of offers:

(1) Offerors are responsible for submitting offers, and any modifications, revisions, or withdrawals, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that offers or revisions are due.

(2)(i) Any offer, modification, revision, or withdrawal of an offer received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--

(A) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of offers; or

(B) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(C) If this solicitation is a request for proposals, it was the only proposal received.

(ii) However, a late modification of an otherwise successful offer, that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(3) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the offer wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(4) If an emergency or unanticipated event interrupts normal Government processes so that offers cannot be received at the Government office designated for receipt of offers by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation or other notice of an extension of the closing date, the time specified for receipt of offers will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(5) Offers may be withdrawn by written notice received at any time before the exact time set for receipt of offers. Oral offers in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile offers, offers may be withdrawn via facsimile received at any time before the exact time set for receipt of offers, subject to the conditions specified in the solicitation concerning facsimile offers. An offer may be withdrawn in person by an offeror or its authorized representative if, before the exact time set for receipt of offers, the identity of the person requesting withdrawal is established and the person signs a receipt for the offer.

(g) Contract award (not applicable to Invitation for Bids). The Government intends to evaluate offers and award a contract without discussions with offerors. Therefore, the offeror's initial offer should contain the offeror's best terms from a price and technical standpoint. However, the Government reserves the right to conduct discussions if later determined by the Contracting Officer to be necessary. The Government may reject any or all offers if such action is in the public interest; accept other than the lowest offer; and waive informalities and minor irregularities in offers received.

(h) Multiple awards. The Government may accept any item or group of items of an offer, unless the offeror qualifies the offer by specific limitations. Unless otherwise provided in the Schedule, offers may not be submitted for quantities less than those specified. The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit prices offered, unless the offeror specifies otherwise in the offer.

(i) Availability of requirements documents cited in the solicitation. (1) The Index of Federal Specifications, Standards and Commercial Item Descriptions and the documents listed in it may be obtained from the General Services Administration, Federal Supply Service Bureau, Specifications Section, Suite 8100, 470 L'Enfant Plaza, SW, Washington, DC 20407 ((202) 619-8925).

(2) The DOD Index of Specifications and Standards (DODISS) and documents listed in it may be obtained from the Standardization Documents Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094 (telephone (215) 697-2569).

(i) Availability of requirements documents cited in the solicitation. (1)(i) The GSA Index of Federal Specifications, Standards and Commercial Item Descriptions, FPMR Part 101-29, and copies of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained for a fee by submitting a request to--GSA Federal Supply Service Specifications Section, Suite 8100, 470 East L'Enfant Plaza, SW, Washington, DC 20407, Telephone (202) 619-8925, Facsimile (202) 619-8978.

(ii) If the General Services Administration, Department of Agriculture, or Department of Veterans Affairs issued this solicitation, a single copy of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained free of charge by submitting a request to the addressee in paragraph (i)(1)(i) of this provision. Additional copies will be issued for a fee.

(2) The DoD Index of Specifications and Standards (DoDISS) and documents listed in it may be obtained from the--Department of Defense Single Stock Point (DoDSSP), Building 4, Section D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2667/2179, Facsimile (215) 697-1462.

(i) Automatic distribution may be obtained on a subscription basis.

(ii) Order forms, pricing information, and customer support information may be obtained--

(A) By telephone at (215) 697-2667/2179; or

(B) Through the DoDSSP Internet site at <http://dodssp.daps.mil>.

(3) Nongovernment (voluntary) standards must be obtained from the organization responsible for their preparation, publication, or maintenance.

(j) Data Universal Numbering System (DUNS) Number. (Applies to all offers exceeding \$25,000, and offers of \$25,000 or less if the solicitation requires the Contractor to be registered in the Central Contractor Registration (CCR) database. The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address. The DUNS +4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see FAR Subpart 32.11) for the same parent concern. If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. An offeror within the United States may contact Dun and Bradstreet by calling 1-866-705-5711 or via the internet at <http://www.dnb.com>. An offeror located outside the United States must contact the local Dun and Bradstreet office for a DUNS number.

(k) Central Contractor Registration. Unless exempted by an addendum to this solicitation, by submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance and through final payment of any contract resulting from this solicitation. If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror. Offerors may obtain information on registration and annual confirmation requirements via the Internet at <http://www.ccr.gov> or by calling 1-888-227-2423 or 269-961-5757.

(l) Debriefing. If a post-award debriefing is given to requesting offerors, the Government shall disclose the following information, if applicable:

- (1) The agency's evaluation of the significant weak or deficient factors in the debriefed offeror's offer.
- (2) The overall evaluated cost or price and technical rating of the successful and the debriefed offeror and past performance information on the debriefed offeror.
- (3) The overall ranking of all offerors, when any ranking was developed by the agency during source selection.
- (4) A summary of the rationale for award;
- (5) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.
- (6) Reasonable responses to relevant questions posed by the debriefed offeror as to whether source-selection procedures set forth in the solicitation, applicable regulations, and other applicable authorities were followed by the agency.

(End of provision)

Addenda 1

IHD 195 - PROPOSAL REQUIREMENTS (FEB 2000) (NAVSEA/IHD)

THE OFFEROR SHALL PROVIDE THE FOLLOWING INFORMATION:

GENERAL INFORMATION: Each Offeror must submit an offer/proposal and other written information in strict accordance with these instructions. When evaluating an Offeror the Government will consider how well the Offeror complied with both the letter and spirit of these instructions. The Government will consider any failure on the part of the Offeror to comply with both the letter and the spirit of these instructions to be an indication of the type of conduct it can expect during contract performance. Therefore, the Government encourages Offerors to contact the contracting officer by telephone, facsimile transmission, e-mail, or mail in order to request an explanation of any aspect of these instructions. This procurement is being conducted on a best value basis utilizing the tradeoff process. The Government intends to award a single contract as a result of this solicitation.

The Offeror shall submit the following information:

THE OFFEROR SHALL ADDRESS THE FOLLOWING FACTORS: (Listed in order of importance)

Information shall be submitted in four separate sections as detailed below:

- | | |
|-----------------------|-------------------------|
| 1. Technical Proposal | 50 Points |
| 2. Bonus Performance | 50 Points |
| 3. Past Performance | Rating Set Forth Herein |
| 4. Price | Not Scored |

1) TECHNICAL PROPOSAL

Each offeror shall separately address each laser system being offered. Volume 1(a) – shall address Laser System A and Volume 1(b) shall address Laser System B. The offeror shall address each specification listed in the Statement of Work in the solicitation and how each of their offered systems either meet or exceed the requirements of the solicitation. The offeror must describe the type of measurement used for each specification for each laser system and provide any information needed to clarify the measurement or analysis. The specification values of each offered laser system must meet (or exceed) the Government's minimum requirements as set forth in the solicitation. The Offeror shall provide two complete "Output Power (mJ/pulse) vs. Wavelength" curves describing the performance of the OPO/OPA components for Laser System A and B.

NOTE: The technical proposal of the successful offeror shall be incorporated into the awarded contract and therefore is binding.

2) BONUS PERFORMANCE

- (a) The Government will issue bonus performance points for laser systems that exceed the Government required minimum set forth in the "Statement of Work" section of this package.
- (b) Please refer to IHD 211- BEST VALUE EVALUATION AND BASIS FOR AWARD for a point breakdown and which specifications qualify for bonus performance points.
- (c) The Offeror is not required to provide any additional information for this section. Points awarded will be based on the information provided in the TECHNICAL PROPOSAL section.

3) PAST PERFORMANCE

- (a) The Offeror will be rated based on the past performance of the organization and its products.
- (b) The Offeror must provide contact information for a minimum of three customers who have bought the laser systems proposed in this contract, or a close likeness, in the last five years. This equates to a

minimum of six (6) total references: three for System A and three for System B. The Offeror shall list these references using the Past Performance Matrix (Attachment 1).

- (c) The Offeror shall submit the Past Performance Questionnaire (Attachment 2) to each of the references listed on the Past Performance Matrix, a minimum of six (6) is desired. The Offeror shall instruct the references to complete the Past Performance Questionnaire and return it by no later than 22 July 2004, directly to:

Attn: Brenda Price, Code 1143B
Naval Surface Warfare Center
101 Strauss Ave., Bldg. 1558
Indian Head, MD 20640-5035

The Offeror must provide the information requested above for past performance evaluation or affirmatively state that it possesses no relevant directly related or similar past performance. An offer that fails to provide the past performance information may be considered ineligible for award.

4) PRICE

- (a) The Offeror must submit a complete cost breakdown of each proposed laser system. Each of the following should be listed in the itemized cost list:
- i. System A
 - 1. Pump Laser – Standard pump laser package, harmonic optics options, injection seeder (if applicable)
 - 2. OPO/OPA – Standard OPO/OPA package, extra optics options to extend spectral range.
 - ii. System B
 - 1. Pump Laser – Standard pump laser package
 - 2. OPO/OPA – Standard OPO/OPA package, extra optices options to extend spectral range (if applicable).

Addenda 2

Reference 1	Reference 2	Reference 3
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References			
\$ Value of contract			
Work Description			
Contract Completed on Time YES/NO Contract Completed at Proposed Cost YES/NO (if no % of overrun)			
Provide Explanation for NO answers			

REFERENCES COLUMN SHOULD INCLUDE GOVERNMENT ACTIVITY/COM, ADDRESS, CONTRACT NUMBER, POC, AND TELEPHONE NUMBER

Addenda 3**PAST PERFORMANCE QUESTIONNAIRE COVER SHEET
FOR SOLICITATION NUMBER N00174-04-R-0023**

Name of offeror questionnaire is being completed for:

Name of company completing questionnaire:

Name of the person and title completing questionnaire:

Length of time your firm has been involved with the offeror:

Type of work performed by referenced offer:

SUBMIT PAST PERFORMANCE QUESTIONNAIRE TO:

NAVAL SURFACE WARFARE CENTER
101 Strauss Avenue, Bldg 1558
Indian Head MD 20640-5035
Brenda Price, Contract Specialist, Code 1143B

BY: July 22 2004

Attachment 2

PAST PERFORMANCE QUESTIONNAIRE INTERVIEW SHEET
SOLICITATION NUMBER: N00174-04-R-0023

RATING SCALE

Please use the following ratings to answer the questions. If you are unable to rate an item because it was not a requirement, never an issue, or you have no knowledge of the item in question then you should mark "N/A".

EVALUATION CRITERIA

Excellent -	The offerors performance was consistently superior. The contractual performance was accomplished with Few minor problems for which corrective action taken By the contractor were highly effective.
Good -	The offerors performance was good, better than average, Etc., and that they would willingly do business with the Offeror again. The contractual performance was Accomplished with some minor problems for which Corrective actions taken by the contractor were effective.
Neutral -	No record exists.
Average -	The offerors performances are adequate. The contractual performance reflects a problem, to which the contractor has not yet identified corrective actions. Consideration would take part in awarding a contract to the Offeror again.
Poor -	The offerors performance was entirely inadequate. The contractual performance of the element being assessed contains problems for which the contractor corrective actions appear to be or were ineffective. They would not do business with the offeror again under any circumstances.

CUSTOMER SATISFACTION

- | | |
|---|---------------|
| 1. The referenced contractor was responsive to the Customers needs. | E G N A P N/A |
| 2. The contractors personnel were qualified To meet the requirements. | E G N A P N/A |
| 3. The contractors ability to accurately estimate Costs. | E G N A P N/A |

TIMELINESS

- | | |
|---|---------------|
| 4. The contractors ability to ensure, to the extent of Its responsibility, that all tasks were completed within The requested time frame. | E G N A P N/A |
|---|---------------|

TECHNICAL SUCCESS

- | | |
|--|---------------|
| 5. The contractor had a clear understanding of the work Detailed in the SOW. | E G N A P N/A |
| 6. The contractors ability to complete tasks correctly the first time. | E G N A P N/A |
| 7. The contractors ability to resolve problems. | E G N A P N/A |

QUALITY

- | | |
|---|---------------|
| 8. The contractors quality and reliability of services delivered. | E G N A P N/A |
| 9. Quality, reliability, and maintainability of hardware delivered. | E G N A P N/A |

PLEASE PROVIDE SUBJECTIVE REPOSSES FOR THE FOLLOWING:

10. Would you recommend this contractor for similar government contracts? Please explain:
11. Have you experienced special or unique problems with the referenced contractor that we should be aware of in making our decision?
12. In summary, which of the following would you choose to describe the quality of the referenced contractors service:
- Significantly better than acceptable
- Slightly better than acceptable
- Acceptable
- Slightly less than acceptable
- Entirely unacceptable
13. In summary, which of the following would you choose to describe reference contractors willingness to cooperate to resolve performance disagreements:
- Highly cooperative
- Cooperative
- Somewhat uncooperative
- Highly uncooperative

Thank you for taking the time to complete the above information.

Interviewers Name: _____, Date _____.

(a) North American Industry Classification System (NAICS) code and small business size standard. The NAICS code and small business size standard for this acquisition appear in Block 10 of the solicitation cover sheet (SF 1449). However, the small business size standard for a concern which submits an offer in its own name, but which proposes to furnish an item which it did not itself manufacture, is 500 employees.

(b) Submission of offers. Submit signed and dated offers to the office specified in this solicitation at or before the exact time specified in this solicitation. Offers may be submitted on the SF 1449, letterhead stationery, or as otherwise specified in the solicitation. As a minimum, offers must show--

- (1) The solicitation number;
 - (2) The time specified in the solicitation for receipt of offers;
 - (3) The name, address, and telephone number of the offeror;
 - (4) A technical description of the items being offered in sufficient detail to evaluate compliance with the requirements in the solicitation. This may include product literature, or other documents, if necessary;
 - (5) Terms of any express warranty;
 - (6) Price and any discount terms;
 - (7) "Remit to" address, if different than mailing address;
 - (8) A completed copy of the representations and certifications at FAR 52.212-3;
 - (9) Acknowledgment of Solicitation Amendments;
 - (10) Past performance information, when included as an evaluation factor, to include recent and relevant contracts for the same or similar items and other references (including contract numbers, points of contact with telephone numbers and other relevant information); and
 - (11) If the offer is not submitted on the SF 1449, include a statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation. Offers that fail to furnish required representations or information, or reject the terms and conditions of the solicitation may be excluded from consideration.
- (c) Period for acceptance of offers. The offeror agrees to hold the prices in its offer firm for 30 calendar days from the date specified for receipt of offers, unless another time period is specified in an addendum to the solicitation.
- (d) Product samples. When required by the solicitation, product samples shall be submitted at or prior to the time specified for receipt of offers. Unless otherwise specified in this solicitation, these samples shall be submitted at no expense to the Government, and returned at the sender's request and expense, unless they are destroyed during preaward testing.
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- (f) Late submissions, modifications, revisions, and withdrawals of offers:
- (1) Offerors are responsible for submitting offers, and any modifications, revisions, or withdrawals, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that offers or revisions are due.

(2)(i) Any offer, modification, revision, or withdrawal of an offer received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--

(A) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of offers; or

(B) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(C) If this solicitation is a request for proposals, it was the only proposal received.

(ii) However, a late modification of an otherwise successful offer, that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(3) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the offer wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(4) If an emergency or unanticipated event interrupts normal Government processes so that offers cannot be received at the Government office designated for receipt of offers by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation or other notice of an extension of the closing date, the time specified for receipt of offers will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(5) Offers may be withdrawn by written notice received at any time before the exact time set for receipt of offers. Oral offers in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile offers, offers may be withdrawn via facsimile received at any time before the exact time set for receipt of offers, subject to the conditions specified in the solicitation concerning facsimile offers. An offer may be withdrawn in person by an offeror or its authorized representative if, before the exact time set for receipt of offers, the identity of the person requesting withdrawal is established and the person signs a receipt for the offer.

(g) Contract award (not applicable to Invitation for Bids). The Government intends to evaluate offers and award a contract without discussions with offerors. Therefore, the offeror's initial offer should contain the offeror's best terms from a price and technical standpoint. However, the Government reserves the right to conduct discussions if later determined by the Contracting Officer to be necessary. The Government may reject any or all offers if such action is in the public interest; accept other than the lowest offer; and waive informalities and minor irregularities in offers received.

(h) Multiple awards. The Government may accept any item or group of items of an offer, unless the offeror qualifies the offer by specific limitations. Unless otherwise provided in the Schedule, offers may not be submitted for quantities less than those specified. The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit prices offered, unless the offeror specifies otherwise in the offer.

(i) Availability of requirements documents cited in the solicitation. (1) The Index of Federal Specifications, Standards and Commercial Item Descriptions and the documents listed in it may be obtained from the General Services Administration, Federal Supply Service Bureau, Specifications Section, Suite 8100, 470 L'Enfant Plaza, SW, Washington, DC 20407 ((202) 619-8925).

(2) The DOD Index of Specifications and Standards (DODISS) and documents listed in it may be obtained from the Standardization Documents Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094 (telephone (215) 697-2569).

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(ii) If the General Services Administration, Department of Agriculture, or Department of Veterans Affairs issued this solicitation, a single copy of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained free of charge by submitting a request to the addressee in paragraph (i)(1)(i) of this provision. Additional copies will be issued for a fee.

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(3) Nongovernment (voluntary) standards must be obtained from the organization responsible for their preparation, publication, or maintenance.

(j) Data Universal Numbering System (DUNS) Number. (Applies to all offers exceeding \$25,000, and offers of \$25,000 or less if the solicitation requires the Contractor to be registered in the Central Contractor Registration (CCR) database. The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address. The DUNS +4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see FAR Subpart 32.11) for the same parent concern. If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. An offeror within the United States may contact Dun and Bradstreet by calling 1-866-705-5711 or via the internet at <http://www.dnb.com>. An offeror located outside the United States must contact the local Dun and Bradstreet office for a DUNS number.

(k) Central Contractor Registration. Unless exempted by an addendum to this solicitation, by submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance and through final payment of any contract resulting from this solicitation. If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror. Offerors may obtain information on registration and annual confirmation requirements via the Internet at <http://www.ccr.gov> or by calling 1-888-227-2423 or 269-961-5757.

(l) Debriefing. If a post-award debriefing is given to requesting offerors, the Government shall disclose the following information, if applicable:

(1) The agency's evaluation of the significant weak or deficient factors in the debriefed offeror's offer.

- (2) The overall evaluated cost or price and technical rating of the successful and the debriefed offeror and past performance information on the debriefed offeror.
 - (3) The overall ranking of all offerors, when any ranking was developed by the agency during source selection.
 - (4) A summary of the rationale for award;
 - (5) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.
 - (6) Reasonable responses to relevant questions posed by the debriefed offeror as to whether source-selection procedures set forth in the solicitation, applicable regulations, and other applicable authorities were followed by the agency.
- (End of provision)

52.212-2 EVALUATION--COMMERCIAL ITEMS (JAN 1999)

(a) The Government will award a contract resulting from this solicitation to the responsible offeror whose offer conforming to the solicitation will be most advantageous to the Government, price and other factors considered. The following factors shall be used to evaluate offers:

1. **GENERAL:** The Government shall award a contract resulting from this solicitation to the responsible Offeror whose submission represents the best overall value based on the evaluation of the factors listed in SECTION L. The specific evaluation of each factor will be addressed below. The Government will rate each solicitation in accordance with the Source Selection Plan and determine the proposal that offers the best value to the Government.
2. **RELATIVE IMPORTANCE OF THE EVALUATION FACTORS (Listed in order of importance)**
 - (a) Technical Proposal
 - (b) Bonus Performance
 - (c) Past Performance
 - (d) Price
3. **METHODOLOGY**
 - (a) FACTOR A (Technical Proposal): Meeting the Government required minimum for each specification described in the statement of work earns the proposal an automatic 50 points. This will be a simple checklist that we will use to ensure the specifications are met. There will be a ten (10) point deduction for each specification that does not meet or exceed the Government minimum that is requested in the statement of work.
 - (b) FACTOR B (Bonus Performance): These points are added to the proposal's technical score as incentive to exceed the Government minimum requirements in the categories of laser power, repetition rate, and spectral range. Maximum Bonus Points is 25 per system.

(i) Laser System A (25 Possible Points)

1. Pump Laser

- a. Energy (10 points) – 1 bonus point will be awarded at each of the described output wavelengths (1064/532/355) for every 10% increase in laser energy that the proposed laser offers above and beyond the Government minimum. For example, a pump laser that emits 1800 mJ/pulse at 1064 nm will receive 2 bonus points since the quoted output energy exceeds the Government minimum by 20%. The pump laser will receive similar bonus points at each of the three wavelengths, such that the total bonus received is set to a maximum of 10.
- b. Linewidth (5 points) – 5 bonus points will be awarded to the pump laser that decreases the linewidth to ≤ 0.01 wavenumber (for example: using an Injection Seeder).

2. OPO/OPA

- a. Energy (5 points) – The energy curves supplied by the Offerors will be compared over the full spectral range. Three output energies will be cataloged from each of the three spectral regions required (UV, Visible, and NearIR as described in section IV.B.1.a of the “Statement of Work”). The wavelengths will be arbitrarily chosen by the Evaluation Panel to produce an average UV, Visible, and NearIR energy value. The top overall performer will receive 5 bonus points and the other systems will receive bonus points that reflect its relative performance when compared to the top performer.
- b. Spectral Range (5 points) – The spectral range must cover 215-2500 nm (with a potential dip near 700 nm). 5 bonus points will be awarded to the OPO/OPA that will extend this range to 215-5000 nm.

(ii) Laser System B (25 Possible Points)

1. Pump Laser

- (a) Energy (5 points) – 1 bonus point will be awarded for every 10% increase in average per-pulse laser energy that the proposed laser offers above and beyond the Government minimum. For example, a pump laser that emits 2.2 mJ/pulse will receive 1 bonus point since the quoted output power exceeds the Government minimum by 10%. The maximum bonus for this category is 5 points (i.e. ≥ 3.0 mJ/pulse).
- (b) Repetition Rate (10 points) – 1 bonus point will be awarded for every 1 kHz increase in repetition rate of the amplified output of the pump laser (a maximum of 10 points can be earned). If the pump laser operates at multiple repetition rates, we will award the highest repetition rate where the laser still produces 1 mJ/pulse energies.

2. OPO/OPA

- (a) Energy (5 points) – The energy curves supplied by the Offerors will be compared over the full spectral range. Three output energies will be cataloged from each of the three spectral regions required (UV, Visible, and NearIR as described in section IV.B.1.a of the “Statement of Work”). The wavelengths will be arbitrarily chosen by the Evaluation Panel to produce an average UV, Visible, and NearIR energy value. The top overall performer will receive 5 bonus points and the other systems will receive bonus points that reflect its relative performance when compared to the top performer.
- (b) Spectral Range (5 points) – The spectral range must cover 200-2500 nm (with a potential dip near 700 nm). 3 bonus points will be awarded to the OPO/OPA that will extend this range to 215-5000 nm. 2 more bonus points will be awarded to the OPO/OPA that will extend this range to 215-10,000 nm.

(C) FACTOR C (Past Performance): The Government will evaluate the quality of the Offeror's past performance. The assessment of the Offeror's past performance will be used to evaluate the

relative capability of the offeror and their competitors to successfully meet the requirements of the Request for Proposal (RFP). This evaluation may include any aspect of past performance that is related to this contract. A record of poor past performance may be considered an indication that the Offeror may be lacking in areas such as technical success, quality and customer satisfaction. In evaluating an Offeror's past performance, the Government will consider information contained in the Offeror's past performance references, information obtained from other sources, including past and present customers, subcontractors and any others who may have useful information, and other past performance data available to the Government. Offerors who state in their offer that they have no past performance history will receive a neutral rating. The factors listed below (which are equal in importance) will be used to evaluate past performance:

- i. Customer Satisfaction. The Offeror's demonstrated commitment to maintaining an acceptable level of performance and customer satisfaction.
- ii. Timeliness. The Offeror's demonstrated ability to meet contract schedules and delivery dates.
- iii. Technical Success. The Offeror's demonstrated ability to understand and perform contract requirements.
- iv. Program Management. The Offeror's ability to meet or exceed its subcontracting plans.
- v. Quality. The Offeror's demonstrated ability to conform to contract specification requirements.

Contracting Officers will use the following adjectival definitions as guidelines in evaluating past performance:

Excellent - The Offeror's performance was consistently superior. The contractual performance was accomplished with minor problems, to which corrective action taken by the contractor was highly effective.

Good - The Offeror's performance was better than average. The contractual performance was accomplished with some minor problems, to which corrective actions taken by the contractor were effective. They would be willing to do business with the Offeror again.

Average- The Offeror's performance was adequate. The contractual performance reflects a problem, to which the contractor has not yet identified corrective actions. Consideration would take part in awarding a contract to the Offeror again.

Poor - The Offeror's performance was entirely inadequate. The contractual performance of the element being assessed contains problems, to which the contractor's corrective actions appear to be or were ineffective. They would not do business with the Offeror again under any circumstances.

Neutral - Offerors lacking relevant past performance history will receive a neutral rating for past performance.

(D) FACTOR D (Price): Price will be evaluated for all Line Items.

Although price is not the most important evaluation factor; it will not be ignored. Prospective Offerors are forewarned that a proposal meeting solicitation requirements with the lowest evaluated price may not be selected if award to a higher priced offeror is determined to be most advantageous to the Government.

4. The Government may award a contract on the basis of initial offers received, without discussions. Therefore, each initial offer should contain the Offeror's best terms from a cost/price, technical and past performance

standpoint. However, if considered necessary by the Contracting Officer, discussions will be conducted only with those Offerors determined to have a reasonable chance for award.

5. Each factor shall be reviewed based on the merits of the information contained in the Offerors' submission. The technical review team will only examine Factors 1 and 2. Factors 3 and 4 shall be evaluated by contracts personnel. Each factor shall be reviewed and assigned a rating for each of the following areas:

Factor 1 - Technical Proposal

Factor 2 - Bonus Performance

Factor 3 - Past Performance

Factor 4 - Cost/Price

Once all evaluations are complete the corresponding scores shall be tabulated and placed in a chart as follows in this example:

Offeror	Factor 1 and 2 Score*	Past Performance Rating	Cost/Price
A	90	Excellent	\$275K
B	95	Excellent	\$300K
C	0**	Good	\$200K
D	80	Excellent	\$175K
E	95	Poor	\$150K

* Not to exceed 100

** Offeror did not comply with RFP instructions, such as failing to submit a complete technical proposal.

Once this information is tabulated, offerors will be compared making value and price tradeoffs and award will be made to the offeror that represents the Best Value to the Government. If the offeror with the highest scores also represents the lowest price then that offeror is likely to be the Best Value. If an offeror with higher scores has a higher price, then a determination must be made whether the difference in value warrants the higher price. In the example the Government would determine whether offerors A, B, D, or E represent the best value. Offerors B and E have the highest Factor 1 and 2 score, but offeror E has the lowest past performance. If it could be determined whether offeror B's technical score represents a greater value than offerors A and D's score, then offeror B may be considered the best value, even though offeror B has a higher cost. Offeror E, even though reflective of a high technical score would not be considered the best value based on the combination of scores received for the evaluation factors. Offeror C did not comply with the instructions as stated in the solicitation and therefore received a technical score of zero. As the technical evaluation is the most important factor the Government has determined that offeror C does not represent the best value in regards to the evaluation factors.

52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS (JAN 2004)
ALTERNATE I (APR 2002)

(a) Definitions. As used in this provision:

"Emerging small business" means a small business concern whose size is no greater than 50 percent of the numerical size standard for the NAICS code designated.

"Forced or indentured child labor" means all work or service-

(1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or

(2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

Service-disabled veteran-owned small business concern--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

Veteran-owned small business concern means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern--

(1) That is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; or

(2) Whose management and daily business operations are controlled by one or more women.

"Women-owned business concern" means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) Taxpayer Identification Number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to a central contractor registration database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (b)(3) through (b)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment

reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(3) Taxpayer Identification Number (TIN).

___ TIN:-----

___ TIN has been applied for.

___ TIN is not required because:

___ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

Offeror is an agency or instrumentality of a foreign government;

___ Offeror is an agency or instrumentality of the Federal Government.

(4) Type of organization.

___ Sole proprietorship;

___ Partnership;

___ Corporate entity (not tax-exempt);

___ Corporate entity (tax-exempt);

___ Government entity (Federal, State, or local);

___ Foreign government;

___ International organization per 26 CFR 1.6049-4;

___ Other-----

(5) Common parent.

___ Offeror is not owned or controlled by a common parent;

___ Name and TIN of common parent:

Name-----

TIN-----

(c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.

(1) Small business concern. The offeror represents as part of its offer that it () is, () is not a small business concern.

(2) Veteran-owned small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a veteran-owned small business concern.

(3) Service-disabled veteran-owned small business concern. (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.) The offeror represents as part of its offer that it () is, () is not a service-disabled veteran-owned small business concern.

(4) Small disadvantaged business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents, for general statistical purposes, that it () is, () is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(5) Women-owned small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents that it () is, () is not a women-owned small business concern.

Note: Complete paragraphs (c)(6) and (c)(7) only if this solicitation is expected to exceed the simplified acquisition threshold.

(6) Women-owned business concern (other than small business concern). (Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents that it () is, a women-owned business concern.

(7) Tie bid priority for labor surplus area concerns. If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:

(8) Small Business Size for the Small Business Competitiveness Demonstration Program and for the Targeted Industry Categories under the Small Business Competitiveness Demonstration Program. (Complete only if the offeror has represented itself to be a small business concern under the size standards for this solicitation.)

(i) (Complete only for solicitations indicated in an addendum as being set-aside for emerging small businesses in one of the four designated industry groups (DIGs).) The offeror represents as part of its offer that it () is, () is not an emerging small business.

(ii) (Complete only for solicitations indicated in an addendum as being for one of the targeted industry categories (TICs) or four designated industry groups (DIGs).) Offeror represents as follows:

(A) Offeror's number of employees for the past 12 months (check the Employees column if size standard stated in the solicitation is expressed in terms of number of employees); or

(B) Offeror's average annual gross revenue for the last 3 fiscal years (check the Average Annual Gross Number of Revenues column if size standard stated in the solicitation is expressed in terms of annual receipts).

(Check one of the following):

Average Annual

Number of Employees Gross Revenues

___ 50 or fewer ___ \$1 million or less

___ 51 - 100 ___ \$1,000,001 - \$2 million

___ 101 - 250 ___ \$2,000,001 - \$3.5 million

___ 251 - 500 ___ \$3,500,001 - \$5 million

___ 501 - 750 ___ \$5,000,001 - \$10 million

___ 751 - 1,000 ___ \$10,000,001 - \$17 million

___ Over 1,000 ___ Over \$17 million

(9) (Complete only if the solicitation contains the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns or FAR 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting, and the offeror desires a benefit based on its disadvantaged status.)

(i) General. The offeror represents that either--

(A) It () is, () is not certified by the Small Business Administration as a small disadvantaged business concern and identified, on the date of this representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net), and that no material change in disadvantaged ownership and control has occurred since its certification, and, where the concern is owned by one or more individuals claiming disadvantaged status, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); or

(B) It () has, () (has not submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(ii) Joint Ventures under the Price Evaluation Adjustment for Small Disadvantaged Business Concerns. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements in 13 CFR 124.1002(f) and that the representation in paragraph (c)(9)(i) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. (The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: _____.)

(10) HUBZone small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, as part of its offer, that--

(i) It () is, () is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It () is, () is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. (The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: _____.) Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(11) (Complete if the offeror has represented itself as disadvantaged in paragraph (c)(4) or (c)(9) of this provision.) (The offeror shall check the category in which its ownership falls):

____Black American.

____Hispanic American.

____Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

____Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

____Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

____Individual/concern, other than one of the preceding.

(d) Certifications and representations required to implement provisions of Executive Order 11246--

(1) Previous Contracts and Compliance. The offeror represents that--

(i) It () has, () has not, participated in a previous contract or subcontract subject either to the Equal Opportunity clause of this solicitation, the and

(ii) It () has, () has not, filed all required compliance reports.

(2) Affirmative Action Compliance. The offeror represents that--

(i) It () has developed and has on file, () has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR Subparts 60-1 and 60-2), or

(ii) It () has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$100,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract.

(f) Buy American Act--Balance of Payments Program Certificate. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act--Balance of Payments Program--Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products. The terms ``component," ``domestic end product," ``end product," ``foreign end product," and ``United States" are defined in the clause of this solicitation entitled ``Buy American Act--Supplies."

(2) Foreign End Products:

Line Item No.:-----

Country of Origin:-----

(List as necessary)

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)(1) Buy American Act--Free Trade Agreements--Israeli Trade Act--Balance of Payments Program Certificate.
 (Applies only if the clause at FAR 52.225-3, Buy American Act--Free Trade Agreements--Israeli Trade Act, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product as defined in the clause of this solicitation entitled ``Buy American Act--Free Trade Agreements--Israeli Trade Act" and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States.

(ii) The offeror certifies that the following supplies are FTA country end products or Israeli end products as defined in the clause of this solicitation entitled ``Buy American Act--Free Trade Agreements--Israeli Trade Act":

FTA Country or Israeli End Products

Line Item No.:-----

Country of Origin:-----

(List as necessary)

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) of this provision) as defined in the clause of this solicitation entitled ``Buy American Act--Free Trade Agreements--Israeli Trade Act." The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products.

Other Foreign End Products

Line Item No.:-----

Country of Origin:-----

(List as necessary)

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate, Alternate I (JAn 2004). If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act":

Canadian End Products:

Line Item No.

(List as necessary)

(3) Buy American Act-- Free Trade Agreements--Israeli Trade Act Certificate, Alternate II (Jan 2004). If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms ``component," ``domestic end product," ``end product," ``foreign end product," and ``United States" are defined in the clause of this solicitation entitled ``Buy American Act--Free Trade Agreements--Israeli Trade Act."

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act":

Canadian or Israeli End Products:

Line Item No.

Country of Origin

(List as necessary)

(4) Trade Agreements Certificate. (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(4)(ii) of this provision, is a U.S.-made, designated country, Caribbean Basin country, or FTA country end product, as defined in the clause of this solicitation entitled ``Trade Agreements."

(ii) The offeror shall list as other end products those end products that are not U.S.-made, designated country, Caribbean Basin country, or FTA country end products.

Other End Products

Line Item No.:-----

Country of Origin:-----

(List as necessary)

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items subject to the Trade Agreements Act, the Government will evaluate offers of U.S.-made, designated country, Caribbean Basin country, or FTA country end products without regard to the restrictions of the Buy American Act.

The Government will consider for award only offers of U.S.-made, designated country, Caribbean Basin country, or FTA country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) Certification Regarding Debarment, Suspension or Ineligibility for Award (Executive Order 12549). (Applies only if the contract value is expected to exceed the simplified acquisition threshold.) The offeror certifies, to the best of its knowledge and belief, that the offeror and/or any of its principals--

(1) ☐ Are, ☐ are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency; and

(2) ☐ Have, ☐ have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: Commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or Commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(3) ☐ Are, ☐ are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses.

(i) Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126). [The Contracting Officer must list in paragraph (i)(1) any end products being acquired under this solicitation that are included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, unless excluded at 22.1503(b).]

(1) Listed end products.

Listed End Product

Listed Countries of Origin

(2) Certification. (If the Contracting Officer has identified end products and countries of origin in paragraph (i)(1) of this provision, then the offeror must certify to either (i)(2)(i) or (i)(2)(ii) by checking the appropriate block.)

☐ (i) The offeror will not supply any end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

☐ (ii) The offeror may supply an end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(End of provision)

52.212-4 CONTRACT TERMS AND CONDITIONS-- COMMERCIAL ITEMS (OCT 2003)

(a) Inspection/Acceptance. The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its post-acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(b) Assignment. The Contractor or its assignee may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g., use of the Governmentwide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.

(c) Changes. Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

(d) Disputes. This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.

(e) Definitions. The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.

(f) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement or any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(g) Invoice. (1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized) to the address designated in the contract to receive invoices. An invoice must include--

(i) Name and address of the Contractor;

(ii) Invoice date and number;

(iii) Contract number, contract line item number and, if applicable, the order number;

(iv) Description, quantity, unit of measure, unit price and extended price of the items delivered;

(v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading;

(vi) Terms of any discount for prompt payment offered;

(vii) Name and address of official to whom payment is to be sent;

(viii) Name, title, and phone number of person to notify in event of defective invoice; and

(ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(x) Electronic funds transfer (EFT) banking information.

(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract.

(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision, contract clause (e.g., 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration, or 52.232-34, Payment by Electronic Funds Transfer--Other Than Central Contractor Registration), or applicable agency procedures.

(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.

(2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

(h) Patent indemnity. The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

(i) Payment.--

(1) Items accepted. Payment shall be made for items accepted by the Government that have been delivered to the delivery destinations set forth in this contract.

(2) Prompt payment. The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR part 1315.

(3) Electronic Funds Transfer (EFT). If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.

(4) Discount. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.

(5) Overpayments. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall immediately notify the Contracting Officer and request instructions for disposition of the overpayment.

(j) Risk of loss. Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:

(1) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or

(2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is f.o.b. destination.

(k) Taxes. The contract price includes all applicable Federal, State, and local taxes and duties.

(l) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.

(m) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(n) Title. Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.

(o) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(p) Limitation of liability. Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.

(q) Other compliances. The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

(r) Compliance with laws unique to Government contracts. The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C. 327, et seq., Contract Work Hours and Safety Standards Act; 41 U.S.C. 51-58, Anti-Kickback Act of 1986; 41 U.S.C. 265 and 10 U.S.C. 2409 relating to whistleblower protections; 49 U.S.C. 40118, Fly American; and 41 U.S.C. 423 relating to procurement integrity.

(s) Order of precedence. Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order: (1) the schedule of supplies/services; (2) the Assignments, Disputes, Payments, Invoice, Other Compliances, and Compliance with Laws Unique to Government Contracts paragraphs of this clause; (3) the clause at 52.212-5; (4) addenda to this solicitation or contract, including any license agreements for computer software; (5) solicitation provisions if this is a solicitation; (6) other paragraphs of this clause; (7) the Standard Form 1449; (8) other documents, exhibits, and attachments; and (9) the specification.

(t) Central Contractor Registration (CCR). (1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(2)(i) If a Contractor has legally changed its business name, “doing business as” name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (t)(2)(i) of this clause, or fails to perform the agreement at paragraph (t)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the “Suspension of Payment” paragraph of the electronic funds transfer (EFT) clause of this contract.

(3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the “Suspension of payment” paragraph of the EFT clause of this contract.

(4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423 or 269-961-5757.

(End of clause)

Addenda 1

Laser System Statement of Work

1. INTRODUCTION

The Naval Surface Warfare Center, Indian Head Division, is seeking a pair of pulsed laser systems to use as pump/probe or stand-alone diagnostic tools for combustion and shock experiments. They will be referred to as “System A” and “System B” throughout the rest of this contract. Each system will have two components: a pump source and a wavelength-tuning source. The pump source (potentially made of multiple components) will provide a fixed wavelength output with specifications listed in the following sections. The pump laser will be integrated with a wavelength-tuning component to create light of continuously varying wavelengths for spectroscopic measurements. The wavelength scanning of each system shall be computer controlled. The desired wavelength-tuning component is a solid-state optical parametric oscillator or amplifier (OPO or OPA, hereafter referred to as OPO/OPA).

The Naval Surface Warfare Center, Indian Head Division, will be referred to as the Government throughout this contract. The business that submits a proposal seeking this award will be referred to as the Offeror or Contracting Company. The document submitted by the Offeror will be referred to as a proposal, submission, offer, or bid.

2. SCOPE

The selected Contracting Company will provide all equipment, software, labor, materials, and transportation required to fully install both laser systems described above. The laser systems provided must perform up to the quoted specifications after installation is complete and full training must be provided.

2.1 Installation is to be performed by the contractor in Building 600, Lab 16 at NSWC Indian Head.

- 2.2 Training is to be performed by the contractor in Building 600, Lab 16 and is to be provided to four (4) individuals.

3. APPLICABLE DOCUMENTS

The Contracting Company must ensure that the delivered laser systems meet the safety codes set forth by the “ANSI Z136.1” and “OPNAVINST 5100.27” documents.

4. LASER SYSTEM A – “NANOSECOND SYSTEM”

The desired output of System A is tunable light with a mid-band wavelength resolution and nanosecond pulse width. The pump source must be a single, Nd:YAG solid-state pulsed laser operating at a 10 Hertz (Hz) repetition rate with a pulsewidth of 1-12 nanoseconds. The pump source must come equipped with harmonic generation crystals and separation optics to allow for stand-alone operation at 1064, 532, and 355 nanometers. The OPO/OPA for System A will use the pump laser to generate light with continuous wavelength tunability. The light will have a resolution in the range of 1-10 wavenumbers and a tuning range of 215 to 2500 nanometers. Below is a list of minimum Government requirements that concentrate on performance, integration and service issues for laser System A. A note is provided for each specification listed that describes a range or minimum value that must be met.

A. Laser System A – Pump Source

1. Performance-based requirements:

- a. Output Energy – The powers listed below are the minimum required average per-pulse energies at each of the included harmonic frequencies.

1064 nm:	1500 mJ/pulse
532 nm:	800 mJ/pulse
355 nm:	400 mJ/pulse
- b. Pulse Width – 1 to 12 nanoseconds
- c. System Repetition Rate ≥ 10 Hz
- d. Linewidth ≤ 2 wavenumbers (cm^{-1})
- e. Energy Stability (at 1064 nm) $\leq \pm 3\%$ (for 99% of the shots)
- f. Pointing Stability (at 1064 nm) ≤ 50 microradians
- g. Polarization $\geq 99\%$ Linear
- h. Divergence (at 1064 nm) ≤ 0.5 milliradians
- i. Beam Shape (at 1064 nm) – near Gaussian. The far-field (at 2 meters) profile must fit to a Gaussian shape with a least squares fit of 0.9 or better (where 1.0 is a perfect fit to a Gaussian profile).
- j. Timing Jitter (at 1064 nm) ≤ 1.5 nanoseconds with respect to an external trigger.

2. Integration requirements:

- a. Spare Parts – The Offeror must supply a minimum of one spare flashlamp per laser head (one backup for each flashlamp used during normal operation).
- b. Triggering - The laser must have BNC connections on the power supply, which allow for external triggering of the flashlamp and Q-switch via TTL pulses.
- c. Access – The Offeror must provide convenient access to optical components for cleaning and alignment while providing an enclosure for the optics during normal operation.

B. Laser System A – OPO/OPA

1. Performance-based requirements:

- a. Output Energy/Spectral Range – The energies listed below are the minimum quantities of average per-pulse light that must be provided throughout the specified wavelength region when this OPO/OPA is pumped by the laser provided in part IV.A. The contractor must

provide “Output Energy (mJ/pulse) vs. Wavelength” traces that cover the following regions.

UV(215-415 nm): 2 mJ/pulse
 Vis(415-650 nm): 20 mJ/pulse
 NearIR(750-2500 nm): 10 mJ/pulse

- b. Pulse Width – 1 to 12 nanoseconds
- c. Linewidth – 1 to 10 wavenumbers (cm^{-1})
- d. Energy Stability $\leq \pm 15\%$ (for 99% of the shots)
- e. Pointing Stability $\leq \pm 150$ microradians
- f. Polarization $\geq 99\%$ Linear
- g. Divergence ≤ 2 milliradian
- h. Beam Diameter – 2 to 10 mm

2. Integration requirements:

- a. Software Control – The Offeror must provide complete software control for wavelength tuning of the OPO/OPA and a license for future software upgrades as they become available.
 - b. Access – The Offeror must provide convenient access to optical components for cleaning and alignment while providing an enclosure for the optics during normal operation.
- C. Laser System A – Common requirements for System A Package (both Pump and OPO/OPA Components)
- a. Size/Footprint – The laser system should not exceed 5’ (length) X 2’ (width) X 16” (height). The power supply should not exceed 3’ (length) X 3’ (width) X 40” (height).
 - b. Manuals – At minimum, a manual must be provided which details the full equipment inventory, general maintenance, general operation, and common troubleshooting techniques for both the pump laser and OPO/OPA. Another section of the manual must guide the use of the software, which controls the tuning of the OPO/OPA.

5. LASER SYSTEM B – “ULTRAFAST SYSTEM”

The desired output of Laser System B is tunable light with broadband wavelength resolution and “ultrafast” pulse widths. The pump source must provide pulse widths in both the femtosecond and picosecond regime at the user’s choice. We also require that the pump source be diode based with closed cycle cooling (as opposed to a flashlamp-pumped system). The OPO/OPA will use the pump laser (femtosecond pulses only) to generate light with continuous wavelength tunability. The light will have a resolution limited by the pulse width and a tuning range of 200 to 2500 nanometers. Below is a list of minimum Government requirements that concentrate on performance, integration and service issues for laser System B. A note is provided for each specification listed that describes a range or minimum value that must be met.

- A. Laser System B – Pump Source
 - 1. Performance-based requirements:
 - a. Output Power ≥ 2 mJ/pulse
 - b. Pulse Width (two regimes) – 50 to 200 femtoseconds and 1 to 20 picoseconds
 - c. System Repetition Rate ≥ 1 kHz
 - d. Polarization $\geq 99\%$ Linear
 - e. Beam Diameter – 2 to 10 mm
 - f. Diode Bar Lifetime ≥ 5000 hours
 - 2. Integration requirements:
 - g. Triggering – The pump laser must come equipped with a “Synch-Out” TTL connection that correlates with the timing of the light pulse output.

- B. Laser System B – OPO/OPA
1. Performance-based requirements:
 - a. Output Energy and Spectral Range – The Offeror must provide a complete “Output Energy (mJ/pulse) vs. Wavelength” trace over the entire 200-2500 nm region when this OPO/OPA is pumped by the laser described in part V.A. operating in the femtosecond regime.
 - b. Polarization $\geq 99\%$ Linear
 - c. Beam Diameter – 2 to 10 mm
 2. Integration requirements:
 - d. Software Control – The Offeror must provide complete software control for wavelength tuning of OPO/OPA and a license for future software upgrades as they become available.
 - e. Access – The Offeror must provide convenient access to optical components for cleaning and alignment while providing an enclosure for the optics during normal operation.
- C. Laser System B – Common requirements for System B Package (both Pump and OPO/OPA Components)
- a. Size/Footprint – The entire system (excluding the pump laser power supply) must be able to be conveniently placed on a single 4-foot by 8-foot optics table.
 - b. Manuals – At minimum, a manual must be provided which details the full equipment inventory, general maintenance, general operation, and common troubleshooting techniques for both the pump laser and OPO/OPA. Another section of the manual must guide the use of the software, which controls the tuning of the OPO/OPA.

Addenda 2

Clauses Incorporated by Reference

52.204-4	Printed on Copies or Double-Sided on Recycled Paper	AUG 2000
52.232-33	Payment by Electronic Funds Transfer—Central Contractor Registration	OCT 2003
52.242-15	Stop-Work Order	AUG 1989
52.247-34	F.O.B. Destination	NOV 1997
252.204-7004 Alt A	Required Central Contractor Registration Alternate A	NOV 2003
252.232-7003	Electronic Submission of Payment Requests	JAN 2004
252.2546-7000	Material Inspection and Receiving Report	MAR 2003

Addenda 3

52.203-2	Certificate of Independent Price Determination	(Apr 1985)
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(a) The offeror certifies that-

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to-

(i) Those prices;

(ii) The intention to submit an offer;, or

(iii) The methods or factors used to calculate the prices offered.

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory-

(1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this provision; or

(2)(i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this provision _____ [insert full name of person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the offeror's organization];

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) of this provision have not participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this provision; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this provision.

(c) If the offeror deletes or modifies paragraph (a)(2) of this provision, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

(End of provision)

52.211-8 Time Of Delivery (Jun 1997)

(a) The Government requires delivery to be made according to the following schedule:

REQUIRED DELIVERY SCHEDULE

0001AA	90 DAYS AFTER DATE OF CONTRACT (ADC)
0001AB	90 DAYS ADC
0002AA	120 DAYS ADC
0002AB	120 DAYS ADC
0003AA	120 DAYS ADC
0003AB	120 DAYS ADC

The Government will evaluate equally, as regards time of delivery, offers that propose delivery of each quantity within the applicable delivery period specified above. Offers that propose delivery that will not clearly fall within the applicable required delivery period specified above, will be considered nonresponsive and rejected. The Government reserves the right to award under either the required delivery schedule or the proposed delivery schedule, when an

offeror offers an earlier delivery schedule than required above. If the offeror proposes no other delivery schedule, the required delivery schedule above will apply.

Offeror's Proposed Delivery Schedule		
Item No.	Quantity	Within Days After Date of Contract

(b) Attention is directed to the Contract Award provision of the solicitation that provides that a written award or acceptance of offer mailed, or otherwise furnished to the successful offeror, results in a binding contract. The Government will mail or otherwise furnish to the offeror an award or notice of award not later than the day award is dated. Therefore, the offeror should compute the time available for performance beginning with the actual date of award, rather than the date the written notice of award is received from the Contracting Officer through the ordinary mails. However, the Government will evaluate an offer that proposes delivery based on the Contractor's date of receipt of the contract or notice of award by adding (1) five calendar days for delivery of the award through the ordinary mails, or (2) one working day if the solicitation states that the contract or notice of award will be transmitted electronically. (The term "working day" excludes weekends and U.S. Federal holidays.) If, as so computed, the offered delivery date is later than the required delivery date, the offer will be considered nonresponsive and rejected.

(End of clause)

52.211-14 Notice of Priority Rating for National Defense Use (Sep 1990)

Any contract awarded as a result of this solicitation will be ___DX ated order; X DO rated order certified for national defense use under the Defense Priorities and Allocations System (DPAS) (15 CFR 700), and the Contractor will be required to follow all of the requirements of this regulation. [Contracting Officer check appropriate box.]

(End of provision)

52.215-6 Place of Performance (Oct 1997)

(a) The offeror or respondent, in the performance of any contract resulting from this solicitation, o intends, o does not intend [check applicable block] to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information. (b) If the offeror or respondent checks "intends" in paragraph (a) of this provision, it shall insert in the following spaces the required information:

Place of Performance (Street Address, City, State, County, Zip Code)	Name and Address of Owner and Operator of the Plant or Facility if Other than Offeror or Respondent
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_____	_____
_____	_____

(End of provision)

52.233-2 Service of Protest (Aug 1996)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from

NAVSEA Indian Head Division
Attn: Edna A. Gigon, Code 1143
Bldg. 1158
Indian Head, MD 20640-5035

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

52.252-1 Solicitation Provisions Incorporated by Reference (Feb 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far/1>

(End of provision)

52.252-2 Clauses Incorporated by Reference (Feb 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far/1>

<http://www.acq.osd.mil/dp/dars/dfars/dfars.html>

(End of clause)

252.12-7001 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS (JAN 2004)

(a) In addition to the clauses listed in paragraph (b) of the Contract Terms and Conditions Required to Implement Executive Statutes or Executive Orders—Commercial Items (DEVIATION) clause of this contract, the Contractor shall

include the terms of the following clauses, if applicable, in subcontracts for commercial items or commercial components awarded at any tier under this contract:

- 252.225-7014 Preference for Domestic Specialty Metals, Alternate I (Apr 2003) (10 U.S.C. 2533a)
 252.247-7023 Transportation of Supplies by Sea (May 2002) (10 U.S.C. 2631)
 252.247-7024 Notification of Transportation of Supplies by Sea (Mar 2000) (10 U.S.C. 2631)

(End of clause)

NAPS 5252.232-9000 Submission of Invoices (Fixed Price) (Jul 1992)

- (a) "Invoice" as used in this clause does not include contractor requests for progress payments.
- (b) The contractor shall submit original invoices with copies to the address identified in the solicitation/contract award form (SF 26-Block 10; SF 33 Block 23; SF 14474-Block 14), unless delivery orders are applicable, in which case invoices will be segregated by individual order and submitted to the address specified in the order (DD 1155-Block 13 of SF 26-Block 10)
- (c) The use of copies of the Material Inspection and Receiving Report (MIRR), DD Form 250, as an invoice is encouraged. DFASR Appendix F-306 provides instructions for such use. Copies of the MIRR used as an invoice are in addition to the standard distribution stated in DFARS F-401.
- (d) In addition to the requirements of the Prompt Payment clause of this contract, the contractor shall cite on each invoice the contract line item number (CLIN); the contract subline item number (SLIN), if applicable; the accounting classification reference number (ACRN) as identified on the financial accounting data sheets and the payment terms.
- (e) The contractor shall prepare:
 _____ a separate invoice for each activity designated to receive the supplies or services.
 _____ a consolidated invoice covering all shipments delivered under an individual order.
 ___X___ either of the above.
- (f) If acceptance is at origin, the contractor shall submit the MIRR or other acceptance verification directly to the designated payment office. If acceptance is at destination, the consignee will forward acceptance verification to the designated payment office.

INVOICE MAILING INSTRUCTIONS
 (To be completed by Contract Specialist)

MAIL INVOICES TO: _____

* Check applicable procedure.
 (End of clause)

HQ C-2-0024 - EXTENSION OF COMMERCIAL WARRANTY (NAVSEA) (NOV 1996)

The Contractor shall extend to the Government the full coverage of any standard commercial warranty normally offered in a similar commercial sale, provided that such warranty is available at no additional cost to the Government. The Contractor shall provide a copy of the standard commercial warranty with the item. The standard commercial warranty period shall begin upon the final acceptance of the applicable material or software. Acceptance of the standard commercial warranty does not waive the Government's rights under the "Inspection" clause, nor does it limit the Government's rights with regard to other terms and conditions of the contract. In the event of a conflict, the terms and conditions of the contract shall take precedence over the standard commercial warranty.

HQ G-2-0003 - CONTRACT ADMINISTRATION DATA LANGUAGE (NAVSEA)

(a) Electronic Funds Transfer (EFT) Payment Requirements

FAR 52.232-33, MANDATORY INFORMATION FOR ELECTRONIC FUNDS TRANSFER PAYMENT, is included in this solicitation/contract. All Contractor payments will be made by EFT unless excepted or otherwise determined by the paying office designated in the contract.

The Contractor must initiate enrollment in EFT by contacting the paying office designated in the contract and requesting form SF 3881, Automated Clearing House (ACH) Vendor/Miscellaneous Payment Enrollment Plan. This form must be completed by the Contractor and their financial institution and returned to the paying office. The paying office will complete the process and notify the Contractor that EFT enrollment is complete. All payments under this contract will be held until the Contractor provides the required EFT enrollment information.

(b) Enter below the address (street and number, city, county, state and zip code) of the Contractor's facility which will administer the contract if such address is different from the address shown on the SF 26 or SF 33, as applicable.

IHD 61 - PLACE OF DELIVERY: DESTINATION (NAVSEA/IHD) FEB 2000

(a) The articles to be furnished hereunder shall be delivered all transportation charges paid by the contractor to:

Receiving Officer
Indian Head Division
Naval Sea Systems Command
101 Strauss Avenue
Indian Head, Maryland 20640-5035

(b) Bids submitted on a basis other than F.O.B. Destination will be rejected as non-responsive and proposals may be deemed unacceptable.

IHD 76 - INDIAN HEAD DIVISION, NAVAL SEA SYSTEMS COMMAND, HOURS OF OPERATION AND HOLIDAY SCHEDULE (NAVSEA/IHD) FEB 2000

1. The policy of this station is to schedule periods of reduced operations or shutdown during holiday periods. Deliveries will not be accepted on Saturdays, Sundays or Holidays except as specifically requested by the Naval Sea Systems Command. All goods or services attempted to be delivered on a Saturday, Sunday or Holiday without

specific instructions from the Contracting Officer or his duly appointed representative will be returned to the contractor at his expense with no cost or liability to the U.S. Government.

2. The scheduled holidays for Indian Head Division, Naval Sea Systems Command are:

<u>HOLIDAY</u>	<u>DATE OF OBSERVANCE</u>
New Year's Day	01 January (Tuesday)*
Martin Luther King's Birthday	21 January (Monday)*
President's Day	18 February (Monday)*
Memorial Day	28 May (Monday)*
Independence Day	4 July (Wednesday)*
Labor Day	3 September (Monday)*
Columbus Day	15 October (Monday)*
Veteran's Day	12 November (Monday)*
Thanksgiving Day	22 November (Thursday)*
Christmas Day	25 December (Tuesday)*

* If the actual date falls on a Saturday, the holiday will be observed the preceding Friday. If the holiday falls on a Sunday, the observance shall be on the following Monday.

3. The hours of operation for the Contracts Division and Receiving Branch are as follows:

<u>AREA</u>	<u>FROM</u>	<u>TO</u>
Contracts Division (BLDG. 1558)	7:30 A.M.	4:00 P.M.
Receiving Branch (BLDG. 116)	7:30 A.M.	11:00 A.M.
	12:30 P.M.	2:00 P.M.

If you intend to visit the Contracts Division, it is advised that you call for an appointment at least 24 hours in advance.

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (MAY 2004) (DEVIATION)

(a) Comptroller General Examination of Record. The Contractor agrees to comply with the provisions of this paragraph (a) if the contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to the right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times, the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the

settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(b) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in paragraphs (i) through (vi) of this paragraph in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--

(i) 52.219-8, Utilization of Small Business Concerns (October 2000) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(ii) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (Jun 1998) (29 U.S.C. 793).

(v) 52.222-41, Service Contract Act of 1965, as Amended (May 1989), flow down required for all subcontracts subject to the Service Contract Act of 1965 (41 U.S.C. 351, et seq.).

(vi) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Apr 2003) (46 U.S.C. Appx 1241 and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(c) While not required, the contractor May include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of clause)

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